## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 24 February 2005 (24.02.2005)

**PCT** 

## (10) International Publication Number WO 2005/016081 A1

(51) International Patent Classification7: G02B 6/00

A47G 1/06,

(21) International Application Number:

PCT/GB2004/003500

(22) International Filing Date: 13 August 2004 (13.08.2004)

(25) Filing Language:

**English** 

(26) Publication Language:

**English** 

(30) Priority Data:

0318951.1 13 August 2003 (13.08.2003) 0321452.5

GB 13 September 2003 (13.09.2003) GB

(71) Applicants and

- (72) Inventors: NEAL, Stephen [GB/GB]; 501 Carbis Beach Apts., Carrack Gladden, Carbis Bay, St. Ives, Cornwall TR26 2JL (GB). BIBBY, Ian [GB/GB]; 501 Carbis Beach Apts., Carrack Gladden, Carbis Bay, St. Ives, Cornwall TR26 2JL (GB).
- (74) Agents: LERWILL, John et al.; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

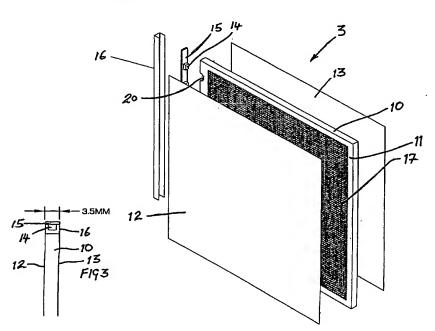
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PICTURE FRAME WITH ILLUMINATION



(57) Abstract: An illumination panel assembly in or for use in a picture frame for back illumination of a picture or photograph displayed in the frame comprise a sheet of transparent material (10) having a textured front surface produce by a screen printed dot matrix pattern of white ink to maintain an air gap between the front face and a translucent film (12) positioned against the transparent sheet (10), whereby light emanating from a series of light emitting diodes (14) disposed along an edge of the transparent sheet is uniformly transmitted over the area of the textured front face.